

11131 U.S. PTO
12/21/01

PATENT
Attorney Docket No. 58781.000028

JC979 U.S. PTO
10/024504
12/21/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application Of:)
)
Frank T. ORTHOEFER) Group Art Unit: Unassigned
)
Application Number: Not Yet Known) Examiner: Unassigned
)
Filed: September 10, 2001)
For: RUMEN BY-PASS DELIVERY SYSTEM

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The following are enclosed for consideration in the above-identified application:


	FEE
<input checked="" type="checkbox"/> Letter to the Assistant Commissioner Regarding Provisional Priority Claims and Supplemental Support Sheets for Priority Claims	\$
<input type="checkbox"/> Response to Office Action	\$
<input checked="" type="checkbox"/> Executed Declaration: <input checked="" type="checkbox"/> Original; <input type="checkbox"/> Supplemental; Executed Joint Assignment <input type="checkbox"/> ; Assignment Recordation Sheet <input type="checkbox"/>	\$
<input type="checkbox"/> Submission of Formal Drawings	\$
<input type="checkbox"/> Informal Drawings: ___ Sheets ___ Figures	\$
<input type="checkbox"/> Information Disclosure Statement, Form PTO-1449, references <input type="checkbox"/>	\$
<input type="checkbox"/> Amendment: <input type="checkbox"/> Preliminary; <input type="checkbox"/> § 116; <input type="checkbox"/> § 312; <input type="checkbox"/> Other	\$
<input type="checkbox"/> Request for Extension of Time	\$
<input type="checkbox"/> Issue Fee: <input checked="" type="checkbox"/> Part B - Issue Fee Transmittal <input type="checkbox"/> Part C - Charge to Deposit Account	\$ 370.00
<input type="checkbox"/> Petition fee under 37 CFR 1.17(h)	\$
<input type="checkbox"/> Express Abandonment Under 37 CFR 1.138	\$

21967
PATENT TRADEMARK OFFICE

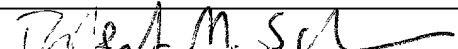
	Claims Remaining	Claims Paid For	Extra	Rate	Fee
Total Claims	32	0	12	x \$9	\$108.00
Independent Claims	2	0	0	x \$42.00	\$0.00
Multiple Dependent Claims (if applicable)				\$	\$
TOTAL FEE					\$0.00

Respectfully submitted,

Dated: 12/21/01

By: 
Robert M. Schulman
Registration No. 31,196
David H. Milligan
Registration No. 42,893

HUNTON & WILLIAMS
1900 K Street, N.W.
Suite 1200
Washington, D.C. 20006-1109
Telephone: (202) 955-1500
Facsimile: (202) 778-2201

FEE TRANSMITTAL BOX Patent Application				<i>Complete If Known</i>																																													
				Application No.		Not Yet Assigned																																											
				Filing Date		December 21, 2001																																											
				First Named Inventor		Frank T. Orthoefer																																											
				Examiner Name		Unassigned																																											
				Group Art Unit		Unassigned																																											
Total Amount Of Payment		(\$)		0.00		Attorney Docket No.		58781.000028																																									
METHOD OF PAYMENT (check one)						FEE CALCULATION (continued)																																											
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to Deposit Account No. 50-0206 in the name of Hunton & Williams.						3. ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> <tr><td><input type="checkbox"/> Surcharge - late filing fee or oath</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> _____ Month Extension of Time</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Notice of Appeal</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Filing Brief in Support of Appeal</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Request for Oral Hearing</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Utility Issue Fee (or Reissue)</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Design Issue Fee</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Plant Issue Fee</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Petition to Commissioner</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Petition to Revive (Unavoidable)</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Petition to Revive (Unintentional)</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Petitions Related to Provisional Applications</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Submission of Information Disclosure Statement</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Filing Submission After Final Rejection</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Recording Each Patent Assignment Per Property</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Filing Request for Reexamination</td><td style="text-align: right;">\$</td></tr> <tr><td><input type="checkbox"/> Other (specify) _____</td><td style="text-align: right;">\$</td></tr> </table>						Fee Description	Fee Paid	<input type="checkbox"/> Surcharge - late filing fee or oath	\$	<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$	<input type="checkbox"/> _____ Month Extension of Time	\$	<input type="checkbox"/> Notice of Appeal	\$	<input type="checkbox"/> Filing Brief in Support of Appeal	\$	<input type="checkbox"/> Request for Oral Hearing	\$	<input type="checkbox"/> Utility Issue Fee (or Reissue)	\$	<input type="checkbox"/> Design Issue Fee	\$	<input type="checkbox"/> Plant Issue Fee	\$	<input type="checkbox"/> Petition to Commissioner	\$	<input type="checkbox"/> Petition to Revive (Unavoidable)	\$	<input type="checkbox"/> Petition to Revive (Unintentional)	\$	<input type="checkbox"/> Petitions Related to Provisional Applications	\$	<input type="checkbox"/> Submission of Information Disclosure Statement	\$	<input type="checkbox"/> Filing Submission After Final Rejection	\$	<input type="checkbox"/> Recording Each Patent Assignment Per Property	\$	<input type="checkbox"/> Filing Request for Reexamination	\$	<input type="checkbox"/> Other (specify) _____	\$
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2. <input type="checkbox"/> Check Enclosed. The Commissioner is hereby authorized to charge and credit any variance between the amount enclosed and the Patent Office charges to Deposit Account No. 50-0206 in the name of Hunton & Williams, 1900 K Street, N.W., Suite 1200, Washington, D.C. 20006-1109.																																																	
FEE CALCULATION																																																	
1. BASIC FILING FEE <input type="checkbox"/> Large Entity <input checked="" type="checkbox"/> Small Entity																																																	
						<u>FEE PAID</u>																																											
Utility Filing Fee						\$ 370.00																																											
Design Filing Fee						\$																																											
Plant Filing Fee						\$																																											
Reissue Filing Fee						\$																																											
Provisional Filing Fee						\$																																											
2. EXTRA CLAIMS FEES																																																	
CLAIMS AS AMENDED																																																	
For	Number Present	Highest Number Paid For	Extra	Rate		Amount																																											
				Large Entity	Small Entity																																												
TOTAL CLAIMS	32	20	0	x \$ 18.00	x \$ 9.00	\$ 108.00																																											
INDEPENDENT CLAIMS	2	3	0	x \$ 84.00	x \$ 42.00	\$ 0.00																																											
MULTIPLE DEPENDENT CLAIMS				\$ 280.00	\$ 140.00	\$ 0.00																																											
TOTAL EXTRA CLAIMS FEES						\$ 108.00																																											
SUBMITTED BY																																																	
Typed or Printed Name				Robert M. Schulman				Registration No.		31,196																																							
Signature								Date		December 21, 2001																																							



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ROBERT M. SCHULMAN
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EMAIL: rschulman@hunton.com

December 21, 2001

FILE NO: 58781.000028

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket Number: **58781.000028**

First Named Inventor: **Frank T. ORTHOEFER**

Title: **RUMEN BY-PASS DELIVERY SYSTEM**

TO: **BOX PATENT APPLICATION**
Commissioner for Patents
Washington, D.C. 20231

Sir:

Attached are the following for filing with the U.S. Patent and Trademark Office:

1. ☒ Fee Transmittal Form (original and duplicate)
2. ☒ Small Entity Status Claimed: ☐ Independent Inventor
☒ Small Business Concern
☐ Non-Profit Organization
☐ Statement Enclosed
☐ Statement Filed in Prior Application; Status Still Proper and Desired
3. ☒ Specification - Total Pages: 23 (Including Abstract)

CLAIMS AS FILED						
	Claims Filed	Basic Fee Claims	Extra	Rate		Amount
				Large Entity	Small Entity	
Total Claims	32	20	0	\$ 18.00	\$ 9.00	\$ 108.00
Independent Claims	2	3	0	\$ 84.00	\$ 42.00	\$ 0.00
First Presentation of Multiple Dependent Claims				\$ 280.00	\$ 140.00	\$ 0.00
BASIC FEE				\$ 740.00	\$ 370.00	\$ 370.00
TOTAL FILING FEE						\$ 478.00
Assignment Recordation Fee						\$ 0.00
TOTAL AMOUNT ENCLOSED						\$ 000.00

BOX PATENT APPLICATION

December 21, 2001

Page 2

4. ☐ Drawings - Total Sheets: _____ (Fig(s). _____)
5. Oath or Declaration - Total Pages: 4
- a. ☒ Newly executed (original or copy)
☐ New (unexecuted)
- b. ☐ Copy from a prior application
(for continuation/divisional with Box 17 completed)
- i. ☐ DELETION OF INVENTOR(s):
Signed statement attached deleting inventor(s) named in prior application.
6. ☐ Application Data Sheet
7. ☐ CD-ROM or CD-R in duplicate, large table or Microfiche Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (two copies); or
- ii. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statements verifying identity of above copies
9. ☐ Assignment and Assignment Recordation Form
10. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)

BOX PATENT APPLICATION

December 21, 2001

Page 3

12. ☐ Information Disclosure Statement with PTO-1449 and References
☐ Copies of Information Disclosure Statement Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard
15. ☒ Priority is Claimed as Follows:
US Application Nos. 09/912,385 filed July 26, 2001 and
09/245,289 filed February 5, 1999
- ☐ If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith
16. ☐ Nonpublication Request under 35 U.S.C. § 1222(b)(2)(B)(i). Applicant must attach Form PTO/SB/35 or its equivalent.
17. ☒ Other: Copies of Amendment to Correct Inventorship Under 37 C.F.R.
1.48(e) and Amendment to Correct Inventorship Under C.F.R. 1.48(d) filed
December 12, 2001
18. ☐ Continuation ☐ Divisional ☐ Continuation-in-Part of
Prior Application No.: _____ filed _____
Prior application information: Examiner _____ Group Art Unit _____
- ☐ Incorporation By Reference (useable if Box 5b is marked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application papers.
- ☒ Complete Application Based on Provisional Application Nos.: 60/317,952
filed Sept. 10, 2001; Application No. (Not Yet Known) filed Dec. 5, 2001;
and 60/073,990 filed Feb. 6, 1998

BOX PATENT APPLICATION

December 21, 2001

Page 4

19. Please address all correspondence to:



CUSTOMER NUMBER

21967



Robert M. Schulman/Jeffrey T. Perez

Intellectual Property Department

Hunton & Williams

1900 K Street, N.W.

Suite 1200

Washington, DC 20006-1109

20.



A new power of attorney or authorization of agent (PTO/SB/81) is as follows:

21.



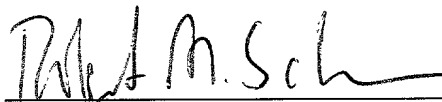
A check in the amount of \$ 000.00 is enclosed. In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit any such variance to **Deposit Account No. 50-0206**.



The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to **Deposit Account No. 50-0206**.

Respectfully submitted,

By:



Robert M. Schulman

Registration No. 31,196

RMS/JTP/cmr

Enclosures